

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

qsf
Blm
Bgm

WELL API NO.
30-015-29444

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.
20587

7. Lease Name or Unit Agreement Name

Rogers

8. Well No.
1

9. Pool name or Wildcat
Atoka;Glorieta-Yeso

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Arch Petroleum, Inc.

3. Address of Operator
10 Desta Drive, Suite 420E Midland, Texas 79705

4. Well Location
Unit Letter J : 1650 Feet From The South Line and 1650 Feet From The East Line

Section 23 Township 18S Range 26E NMPM Eddy County

10. Date Spudded 06/20/97 11. Date T.D. Reached 06/29/97 12. Date Compl. (Ready to Prod.) 07/20/97 13. Elevations (DF & RKB, RT, GR, etc.) 3306' GR 14. Elev. Casinghead

15. Total Depth 3640 16. Plug Back T.D. 3631 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
2906-2957', 2976-3316', Glorieta 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run
CL/GR, CPD/CNL, DDL/ML 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	992	12-1/4	700 sx Class "C"	
				Circulated 194 sx to surface	
4-1/2"	11.6	3650	7-7/8	820 sx Class "C"	
				Circulated 50 sx to surface	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	2282

26. Perforation record (interval, size, and number) 3515', 3494', 3465', 3417', 3485', 3472', 3458', 3443', 3333', 3307', 3277', 3258', 3220', 3192', 3150', 3134', 3122', 3085', 3067', 3040', 3027', 2979', 2961', 2928', 2918', 2890', 2881', 4 JHPF, 3-1/8" csg gun; Total 108 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2881-3515'	2900 gals NEFE HCL
	2881-3515'	53,000 gal 30 X-Link gel, 173,000# 16/30 Brady Sand

28. PRODUCTION

Date First Production 07/23/97 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Prod.

Date of Test 08/11/97 Hours Tested 24 Choke Size 31 Prod'n For Test Period 31 Oil - BbL. 18 Gas - MCF 35 Water - BbL. 581 Gas - Oil Ratio

Flow Tubing Press. 35# Casing Pressure 35# Calculated 24-Hour Rate 37.5 Oil - BbL. 37.5 Gas - MCF 37.5 Water - BbL. 37.5 Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By

30. List Attachments
C-104, Inclination Report, Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Robin S. McCarley Printed Name Robin S. McCarley Title Technical Assistant Date 09/16/97

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 199.0	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 400.0	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 827.0	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1099.0	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 2704.0	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 2882 to 3515 No. 3, from to
 No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0.0	199.0		shale, sand, gravel				
199.0	400.0		Anhydrite				
400.0	827.0		Anhydrite, sand, shale				
827.0	1099.0		Anhydrite, dolomite, shal				
1099.0	3640.0		Dolomite, Anhydrite, shal				

INCLINATION REPORT

COUNTY
EDDY

NAME OF COMPANY
CLINT HURT DRILLING
TELEPHONE NUMBER
915-570-4771